

CLAIMS

1. A steel house construction configuration made by constructing a structural framework by assembling vertical frame studs and wall panels erected on a foundation and a floor panel, characterized in that the vertical frame studs provided at intersections of the wall panels and corners are through studs continuing to upper stories, the wall panels are prepared by attaching a face member to a wall frame preparing by assembling light gage channels made from sheet steel into a rectangular form, and the walls of an upper story are constructed by connecting the wall panels for the upper story after the walls of a lower story have been constructed by connecting the wall panels for the lower story to said through vertical frame studs.

2. The steel house construction configuration according to claim 1, in which girder walls and party walls are constructed by placing said through vertical frame studs in the thickness of the wall panels by forming the vertical frame studs into a rectangular cross section and joining the wall panels to all sides of the rectangle by means of fasteners.

3. The steel house construction configuration according to claim 1 or 2, characterized in that the wall panels to be attached to the through vertical frame studs are disposed along the four sides of a rectangle that constitutes a room, the upper edges of the wall panels of the lower story on two opposite sides are positioned lower than the upper edges of the wall panels of the lower story on the other two opposite sides, and two opposite sides of a floor panel formed by attaching a floor plate to floor joists are supported on the upper end of the two lower wall panels on two opposite sides.

4. The steel house construction configuration according to any of claims 1 to 3, characterized in that in which the through vertical frame studs are made of steel sections, wood or steel-reinforced concrete.

5. The steel house construction configuration according to any of claims 1 to 4, characterized in that the vertical frame studs and wall panels are joined by using fasteners such as drill screws, bolts and one-side bolts.

6. A steel house construction method to construct a panel construction according to any of claims 1 to 5, characterized by erecting through vertical studs continuing to an upper story are erected on the ground, placing wall panels on four sides of a rectangle constituting a room on a lower story and connected to the through vertical frame studs, mounting two opposite sides of a floor panel for an upper story on the upper ends of the wall panels on the other two opposite sides of a lower story, connecting the other two opposite sides of the floor panel to through vertical frame studs, and constructing the walls and floors of upper stories by repeating said procedure.